

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060822\
 Data File : VW023422.D
 Acq On : 08 Jun 2022 09:32
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Jun 09 00:37:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 08 01:20:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	356417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	347740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	196905	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	134108	24.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
7) Chloroethane-d5	2.885	69	99434	25.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.320%
11) 1,1-Dichloroethene-d2	4.025	63	195710	23.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.480%
21) 2-Butanone-d5	7.074	46	57387	53.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.860%
24) Chloroform-d	7.647	84	237919	24.755	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.040%
26) 1,2-Dichloroethane-d4	8.305	65	128516	25.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.840%
32) Benzene-d6	8.275	84	453502	23.493	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.274	67	130397	24.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.323	98	438024	23.826	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.320%
43) trans-1,3-Dichloroprop...	10.579	79	57962	24.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.921	63	43871	54.171	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126660	27.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	158662	22.262	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34481	29.390	ug/L	95
3) Chloromethane	2.215	50	114448	27.667	ug/L	100
5) Vinyl chloride	2.361	62	182695	28.837	ug/L	99
6) Bromomethane	2.782	94	90914	26.107	ug/L	100
8) Chloroethane	2.922	64	88545	28.551	ug/L	96
9) Trichlorofluoromethane	3.257	101	84006	24.168	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	119492	26.164	ug/L	97
12) 1,1-Dichloroethene	4.038	96	103198	25.325	ug/L	96
13) Acetone	4.117	43	41823	52.406	ug/L	98
14) Carbon disulfide	4.379	76	331311	25.367	ug/L	100
15) Methyl Acetate	4.672	43	47562	27.135	ug/L	96
16) Methylene chloride	4.909	84	119956	23.365	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	124510	25.641	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	192254	27.321	ug/L	98
19) 1,1-Dichloroethane	6.214	63	218983	26.966	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	132065	26.002	ug/L #	94
22) 2-Butanone	7.171	43	70098	60.358	ug/L	100
23) Bromochloromethane	7.513	128	60378	25.343	ug/L	98
25) Chloroform	7.677	83	243549	27.081	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	164290	29.016	ug/L	100
29) Cyclohexane	7.958	56	196978	26.511	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	209609	25.337	ug/L	98
31) Carbon tetrachloride	8.067	117	194543	25.490	ug/L	99
33) Benzene	8.323	78	524523	25.703	ug/L	100
34) Trichloroethene	9.092	95	141361	25.322	ug/L	96
35) Methylcyclohexane	9.335	83	240307	26.226	ug/L	97
37) 1,2-Dichloropropane	9.366	63	126636	26.480	ug/L	100
38) Bromodichloromethane	9.646	83	184048	27.432	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	203257	27.130	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	155968	59.984	ug/L	99
42) Toluene	10.384	91	608358	26.438	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	182063	27.844	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	104239	27.150	ug/L	95
46) Tetrachloroethene	10.860	164	108531	24.575	ug/L	89
48) 2-Hexanone	10.969	43	108750	64.676	ug/L	97
49) Dibromochloromethane	11.128	129	126219	27.181	ug/L	99
50) 1,2-Dibromoethane	11.238	107	101533	26.996	ug/L	96
51) Chlorobenzene	11.658	112	396243	26.311	ug/L	97
52) Ethylbenzene	11.731	91	691376	27.269	ug/L	98
53) m,p-Xylene	11.841	106	272979	27.817	ug/L	98
54) o-Xylene	12.164	106	254742	27.098	ug/L	96
55) Styrene	12.176	104	446538	27.603	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	131372	28.534	ug/L	97
59) Bromoform	12.347	173	71417	26.173	ug/L	98
60) Isopropylbenzene	12.463	105	716964	25.444	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94241	26.461	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	608457	26.089	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	612152	26.520	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	317233	24.812	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	319562	24.438	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	287093	24.752	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20060	26.524	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	205795	24.342	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	159432	24.346	ug/L	99
71) Naphthalene	15.359	128	328727	27.048	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	139953	24.579	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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